

## CLEAN COPY OF SPECIFICATION PARAGRAPHS

At page 1, lines 1-21, delete the two paragraphs and substitute the following:

### **FIELD OF THE INVENTION**

The invention relates to a micrographic device. It relates particularly but not exclusively to a security device which generates a grey scale image when illuminated by a light source and viewed by an observer, and to an authentication device which incorporates graphic elements line art or images represented in microscopic size in repeated regions of its surface relief structure.

B1 The device may be used in a number of different applications, and it has particular applicability as an anti-forgery security device on bank notes, credit cards, checks, share certificates and other similar documents.

### **BACKGROUND ART**

Recent improvements in reproduction technology have made it easier for a person to forge a copy of a valuable document. Various different types of security devices are available to protect against copying. One such type of security device is a hologram of the type which has been applied to VISA™ and MasterCard™ credit cards since 1984. When viewed under appropriate illumination conditions (best seen with a point light source such as a single incandescent globe), holograms generate an image which appears to change as the angle of observation changes. When not illuminated, the hologram has a silver appearance. Holograms provide protection against color photocopying and similar reproductive techniques because such reproductive techniques cannot reproduce the ability to generate images which differ when viewed from different angles.

At page 4, lines 31 to page 5, line 2 delete the paragraph and substitute the following:

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**BRIEF DESCRIPTION OF THE DRAWINGS**

The invention will hereafter be described in greater detail with reference to the attached drawings which show example forms of the invention. It is to be understood that the particularity of those drawings does not supersede the generality of the preceding description of the invention.

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At page 5, lines 20-27, delete the paragraph and substitute the following:

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**DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT**

Referring now to Figure 1, there is shown a device 1 having surface relief structure 2 which has a plurality of regions 3. Regions 3 include grey scale regions 4, which are too small to be separately resolvable to the human eye. (They are shown in much magnified state in Figure 1). Each grey scale region 4 is one of a limited number of different grey scale region structure types. The different grey scale region structure types appear, by reason of their differing diffuse scattering characteristics, to have different intensities when device 1 is illuminated by light source 5 and viewed by an observer 6.

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